



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Schlage Lock Company,
6810 Hillsdale Court
Indianapolis, IN 46250

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Falcon 25 Series 25-R, 25-V, 25-C & 25-M" Panic Exit Hardware-Component Approval

APPROVAL DOCUMENT: Drawing No. "3580-2" Rev D, titled "Falcon 25 series Panic Exit Devices", sheets 1 through 8 of 8, dated 05/22/09 and last revised on 08/31/14, prepared by manufacturer, signed and sealed by Gordon Thomas, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact

Limitations:

1. The Component Hardware to be used as a substitution in a 16 ga single or double doors assemblies.
2. Door assembly under separate approval and must meet specifications per sheet 1. Lower Design Pressure of this component approval or the door assembly shall control.
3. Double Door application of Falcon series 25-R (Rim exit) requires use of Von-Duprin 9954 mullion.
4. Falcon series 25-M (Mortise Panic) is limited to Single door system only.
5. Electrical/Electronic functions and Fire Rating are not part of the approval, such installation to be reviewed by AHJ.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Taiwan, China and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #09-0723.01 and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No. 13-1217,21
Expiration Date: June 21, 2017
Approval Date: October 30, 2014
Page 1

4
10/20/14

Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts and sections drawings (submitted under file #09-0723.01)
2. Drawing No. "3580-2" Rev D, titled "Falcon 25 series Panic Exit Devices", sheets 1 through 8 of 8, dated 05/22/09 and last revised on 08/31/14, prepared by manufacturer, signed and sealed by Gordon Thomas, P.E.

B. TESTS (submitted under file #09-0723.01)

1. Test report on
 - 1) Air Infiltration Test, per TAS 202-94
 - 2) Water Resistance Test per FBC TAS 202-94
 - 3) Uniform Static Air Pressure Test, Loading per TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC, TAS 202-94

Along with marked-up drawings and installation diagram of Falcon 25 series Panic exit Devices, 25-C (Concealed Vertical Rods), 25-V (Surface mount Vertical Rod) and 25-M (Mortise), prepared by National Certified Testing Laboratory, Test Report No. NCTLA-210-3654-1, dated 12/01/09, signed and sealed by Gerald J. Ferrara, P.E.

2. Test report on
 - 1) Air Infiltration Test, per TAS 202-94(Not conducted)
 - 2) Water Resistance Test per FBC TAS 202-94(Not conducted)
 - 3) Uniform Static Air Pressure Test, Loading per TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC, TAS 202-94

Along with marked-up drawings and installation diagram of series Falcon 25-R (Rim Panic exit device), prepared by National Certified Testing Laboratory, Test Report No. NCTLA-210-3580-2, dated 03/25/09, signed and sealed by Gerald J. Ferrara, P.E.

C. CALCULATIONS: (submitted under file #09-0723.01)

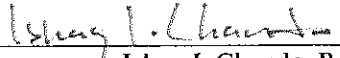
1. Anchor verification and mullion structural analysis dated 10/15/11 and revised on 05/06/12, prepared, signed and sealed by Gordon Thomas, P.E.

D. QUALITY ASSURANCE BY

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 13-1217.21
Expiration Date: June 21, 2017
Approval Date: October 31, 2014

Schlage Lock Company

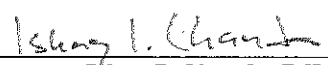
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

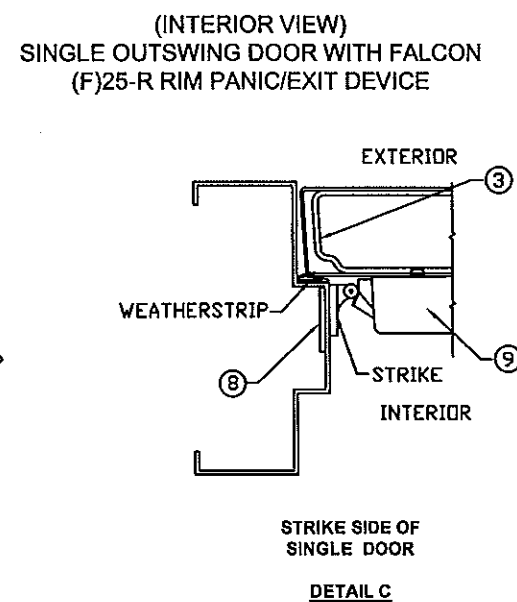
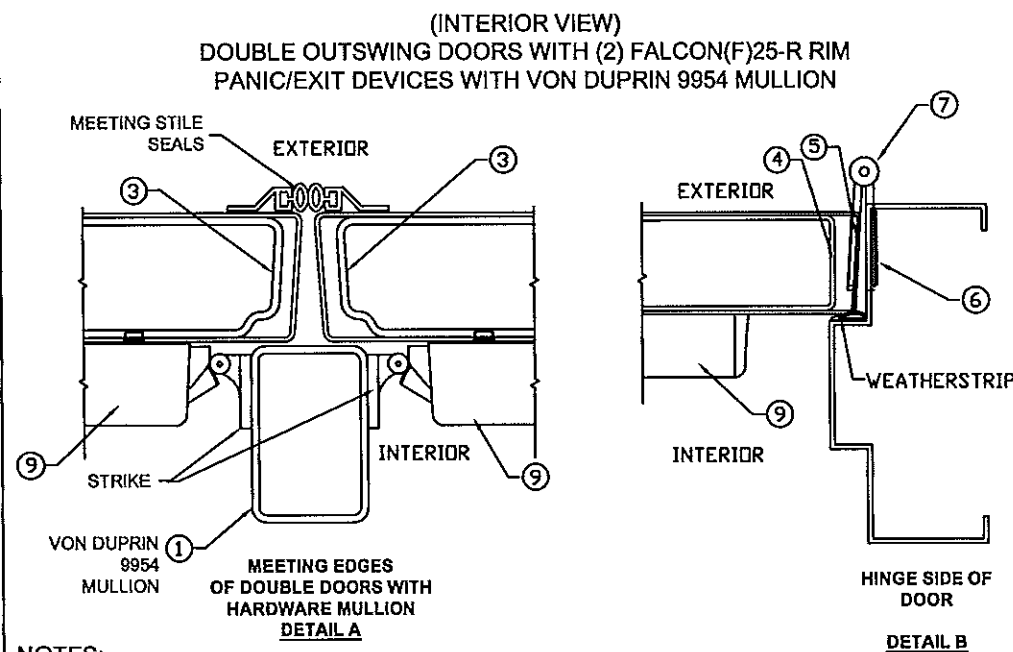
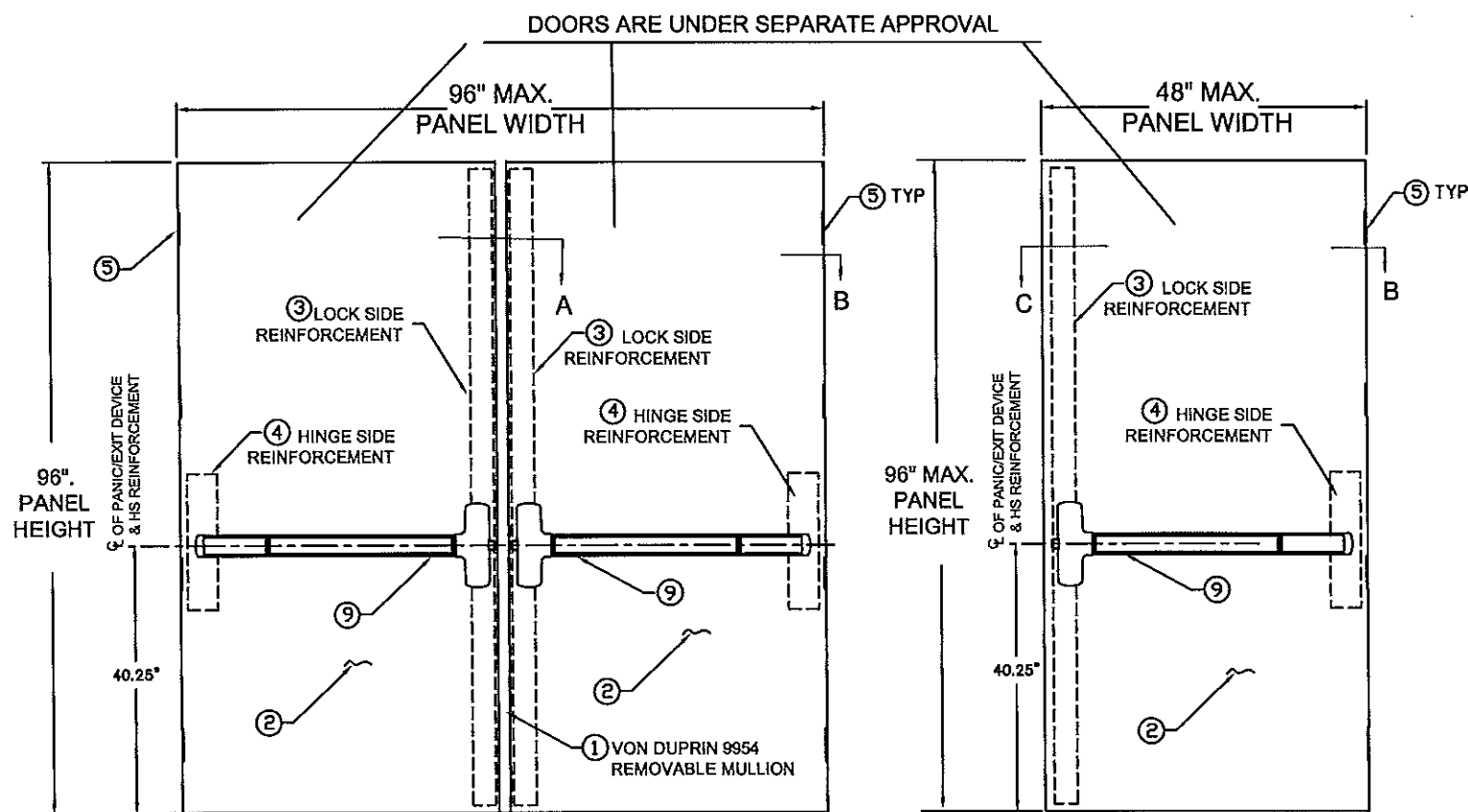
1. Letter of conformance to FBC 2010, dated 08/02/14, prepared, signed and sealed by Gordon Thomas, P.E.
2. Ingersoll-Rand press release, dated 12/10/12, integrating the brands of Ingersoll-Rand and Schlage among others.
3. Department of State Certification of Reinstatement for **SCHLAGE LOCK COMPANY, LLC** as a limited liability company, active and organized under the laws of the State of Florida, dated 03/17/06 and filed with the Secretary of State
4. Certification of Formation dated 12-08-2003 of Schlage Lock Company, LLC, issued by Secretary of State of Delaware.
5. Statement letter dated Nov. 26, 2013 issued by Ingersoll-Rand for name change, signed by Jim Donlan
6. Letter of conformance to FBC 2007 and "No financial interest" dated 10/16/11, prepared, signed and sealed by Gordon Thomas, P.E. (submitted under file #09-0723.01)
7. Lab statement of compliance, part of the above referenced test report.

G. OTHER

1. This NOA revises NOA #09-0723.01, expiring 06/21/17.
2. Test proposal # 09-0754 dated 03/11/10 approved by BCCO.
3. Falcon 25 series Panic Exit Devices brochures.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 13-1217.21
Expiration Date: June 21, 2017
Approval Date: October 31, 2014



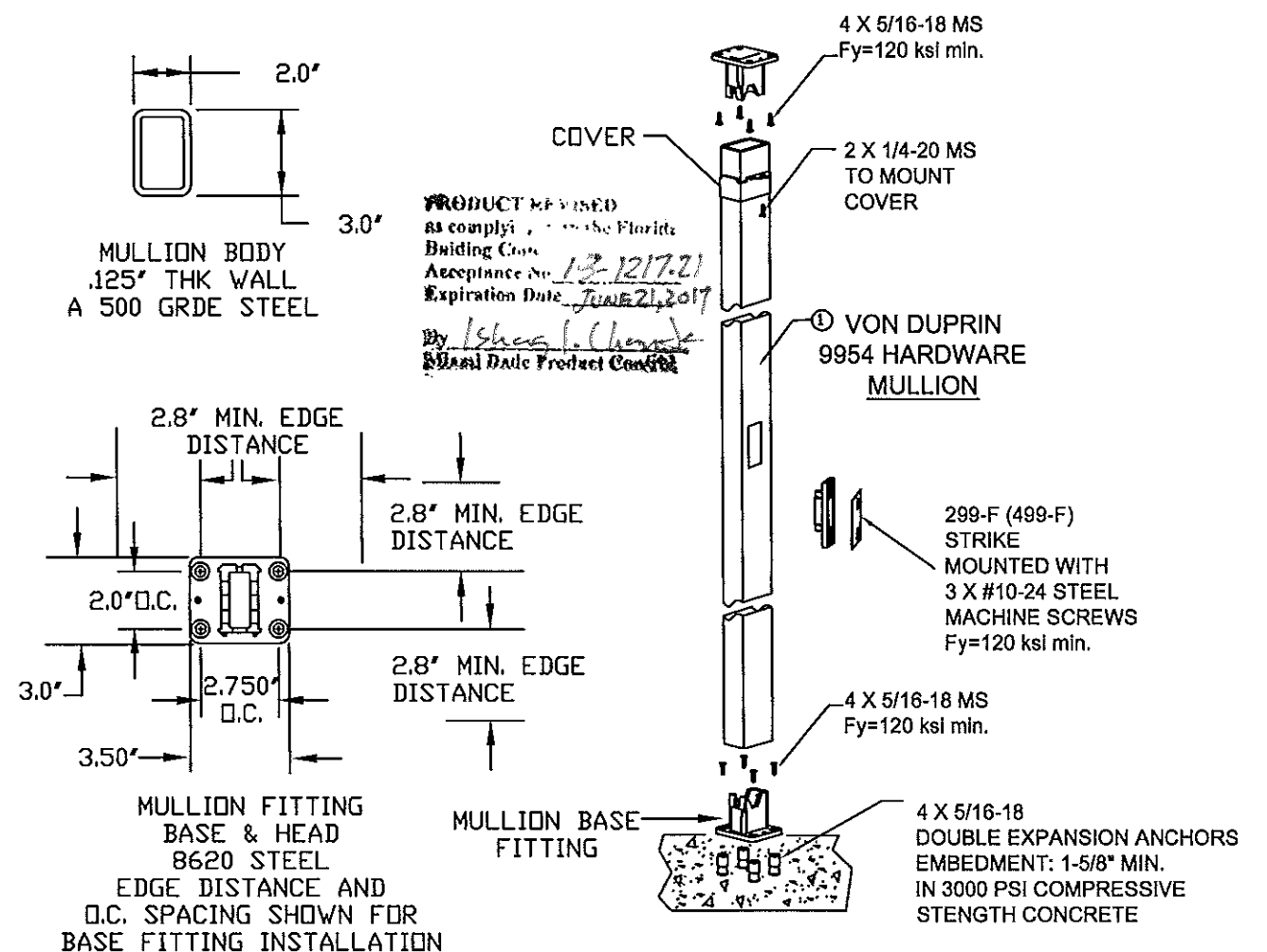
TYPICAL INSTALLATION
SEE COMPONENT DETAIL - SHEET 2

- NOTES:
1. ALL FINISHES, 3' AND 4' DOOR WIDTH MODELS OFFERED.
 2. AVAILABLE FUNCTIONAL OPTIONS: F, EL, FSA/FSE, EA, HWEA, DM, LM, AND AE.
 3. ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
 4. THIS COMPONENT DEVICE IS APPROVED AS AN EQUAL ALTERNATE FOR SINGLE OR DOUBLE 16 GA. STEEL OUTSWING COMMERCIAL DOORS HOLDING CURRENT A NOA OR HVHZ COMPLIANT FBC APPROVAL. DOUBLE DOORS ARE REQUIRED TO USE A VON DUPRIN 9954 HARDWARE MULLION. THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE EQUAL TO THAT OF THE LOWEST RATED COMPONENT, EITHER THE PANIC DEVICE OR THE DOOR.
 5. THE DEVICE SHOULD BE INSTALLED IN COMMERCIAL STEEL DOOR NO WIDER THAN 48" AND NO HIGHER THAN 96".
 6. OPTIONAL SIGNAL SWITCH AND POWER TRANSFER UNITS MAY BE USED AS ALLOWED BY CODE AND IF IT DOESN'T AFFECT THE MECHANICAL PROPERTIES OF THIS PANIC/EXIT DEVICE AND/OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.
 7. ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.
 8. THIS PANIC/EXIT DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.
 9. FIRE RATING IS NOT PART OF THIS APPROVAL.

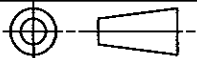
[Signature] 8/3/14
Gordon Thomas, P.E.
3759 Blossom Court
Mason, OH 45040
Florida # 46718

DESIGN PRESSURE RATING FALCON (F)25-R RIM PANIC/EXIT DEVICE COMPONENT APPROVAL		IMPACT RATING
POSITIVE	+70 PSF	LARGE AND SMALL MISSILE
NEGATIVE	-55 PSF	

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	NEW	05/22/09	
B	REVISED	03/23/11	
C	REVISED	02/28/12	
D	REVISED NAME	11/01/13	

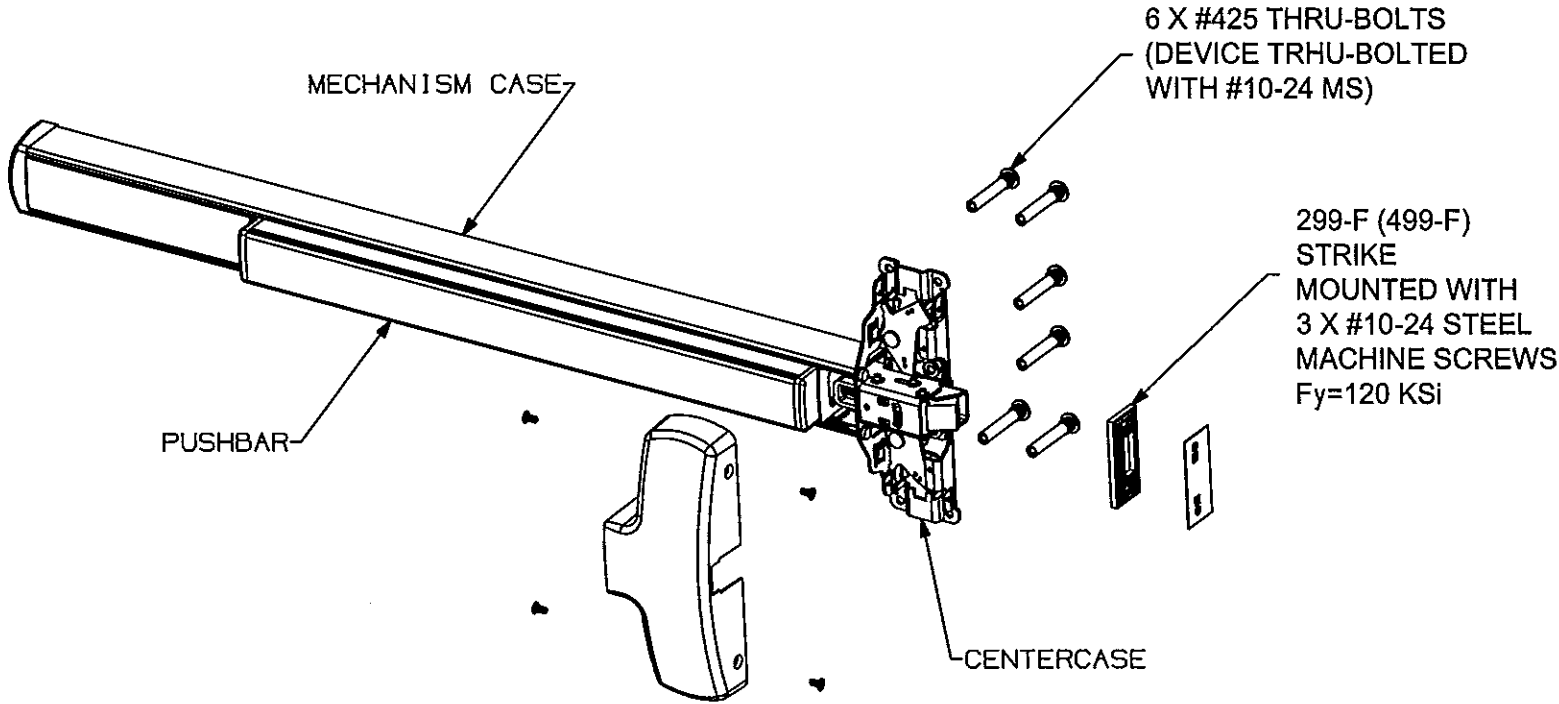


ITEM	DESCRIPTION	MATERIAL	SIZE
1	VON DUPRIN 9954 HARDWARE MULLION	.125\" A500 STL	MAX. 96"
2	DOOR SLAB	.053\" MIN. STL	48\" X 96\" MAX.
3	LOCK SIDE REINFORCEMENT CHANNEL	.099\" MIN. STL	3.5\" X 93.44\" MAX
4	HINGE SIDE PANIC REINFORCEMENT	.067\" MIN. STL	MAX. 20"
5	HINGE REINFORCEMENT DOOR ASTM A621	.171\" MIN. STL	1.23\" X 9.187\" MIN.
6	HINGE REINFORCEMENT FRAME ASTM A621	.171\" MIN. STL	1.5\" X 9.187\" MIN.
7	4.5\" X 4.5\" BUTT HINGES	.134 MIN.	(8) #12-24 MS PER HINGE
8	RIM STRIKE REINFORCEMENT	.067\" MIN. STL	1.5\" X 8.5\" MIN.
9	FALCON (F)25-R RIM PANIC/EXIT DEVICE		

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING FACILITY: FALCON 2720 TOBEY DRIVE INDIANAPOLIS, IN 46219	
					
THIRD ANGLE PROJECTION		TITLE FALCON 25 SERIES PANIC/EXIT DEVICES - COMPONENT APPROVAL (LMI)			
DRAWN YMF	DATE 05/22/09	MIAMI-DADE COUNTY COMPONENT PRODUCT APPROVAL FALCON 25-R SERIES RIM PANIC/EXIT DEVICE			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. 3580-2	SHEET 1 OF 8
ENG. APPVL		SCALE: NTS		AUTOCAD	
				REV D	

DESIGN PRESSURE RATING FALCON (F)25-R RIM PANIC/EXIT DEVICE COMPONENT APPROVAL		IMPACT RATING
POSITIVE	+70 PSF	LARGE AND SMALL MISSILE
NEGATIVE	-55 PSF	

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	NEW YMF	05/26/09	
B	REVISED	03/23/11	
C	REVISED	02/28/12	
D	REVISED NAME	11/01/13	



FALCON (F)25-R PANIC/EXIT DEVICE
COMPONENT APPROVAL
DOUBLE DOOR APPLICATION REQUIRES
VON DUPRIN 9954 MULLION

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1217-21
Expiration Date 6/24/17
By [Signature]
Miami Dade Product Control

DIMENSIONS

TOUCHBAR PROJECTION:
NEUTRAL 2.784"
DEPRESSED 1.914"

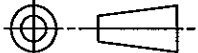
CENTER CASE: 8.928" X 2.642" X 1.914"

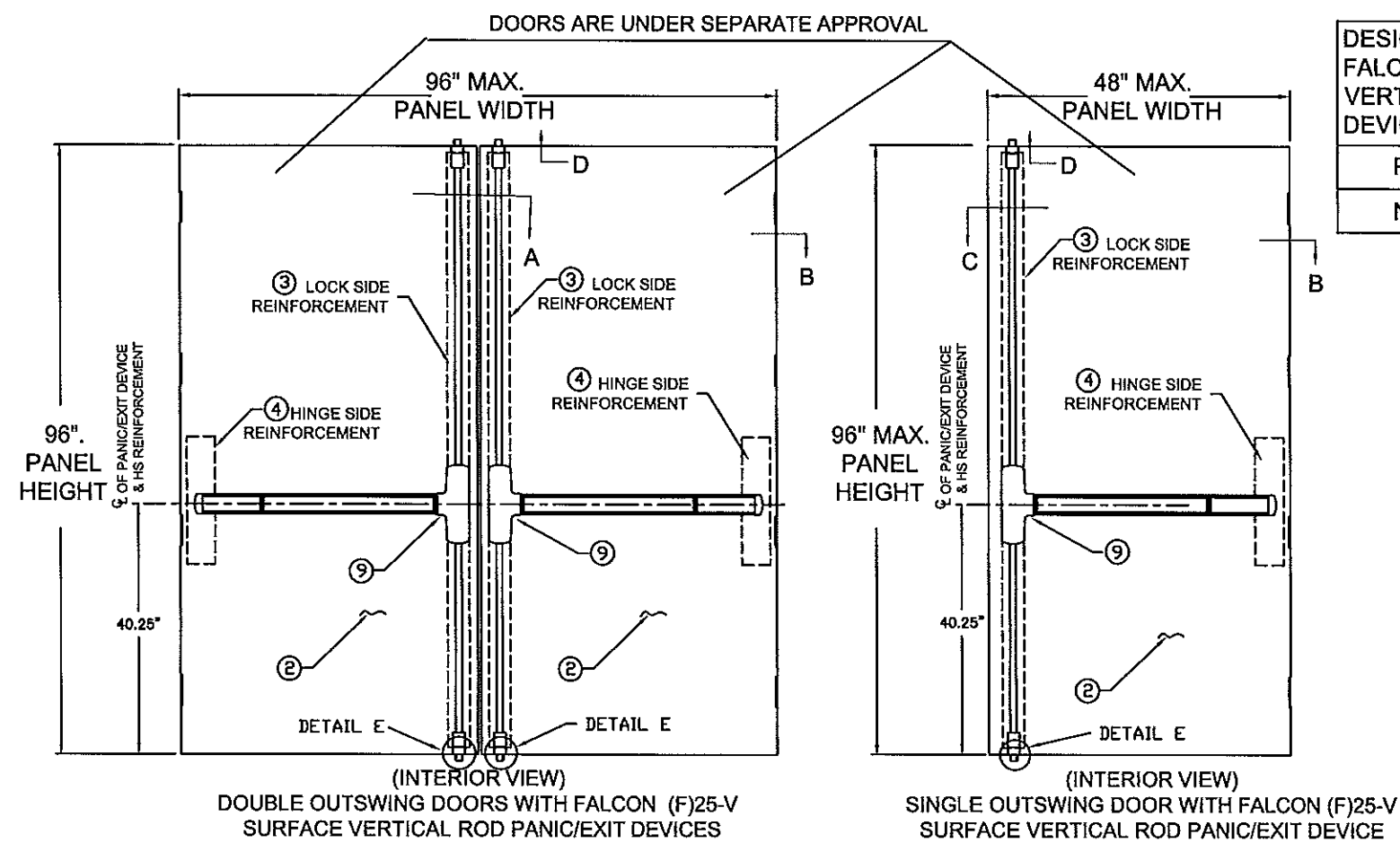
DEVICE LENGTH:
FOR UP TO 3' WIDE DOORS 33.596"
FOR DOORS WIDER THAN 3' UP TO 4' 45.596"

FALCON OUTSIDE TRIM OPTIONS	
<div>510/511</div>	510L
	510L BE
	510L NL
	510L DT
	510L FSA
	510L FSE
	510L FSA LK
	510L FSE LK
	510L LK
	511L
	511L FSA
	511L FSE
<div>512</div>	511L FSA LK
	511L FSE LK
	511L LK
	512T
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	512T NL
	512T DT
	512T FSA
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	512T FSA LK
	512T FSE LK
	512T LK
<div>513</div>	513K
	513K BE
	513K NL
	513K DT
	513K FSA
	513K FSE
	513K FSA LK
	513K FSE LK
	513K LK

- NOTES:
- ALL FINISHES, 3' AND 4' DOOR WIDTH MODELS OFFERED.
 - AVAILABLE FUNCTIONAL OPTIONS: F, EL, FSA/FSE, EA, HWEA, DM, LM, AND AE.
 - ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
 - THIS COMPONENT DEVICE IS APPROVED AS AN EQUAL ALTERNATE FOR SINGLE OR DOUBLE 16 GA. STEEL OUTSWING COMMERCIAL DOORS HOLDING CURRENT A NOA OR HVHZ COMPLIANT FBC APPROVAL. DOUBLE DOORS ARE REQUIRED TO USE A VON DUPRIN 9954 HARDWARE MULLION. THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE EQUAL TO THAT OF THE LOWEST RATED COMPONENT, EITHER THE PANIC DEVICE OR THE DOOR.
 - THE DEVICE SHOULD BE INSTALLED IN COMMERCIAL STEEL DOOR NO WIDER THAN 48" AND NO HIGHER THAN 96".
 - OPTIONAL SIGNAL SWITCH AND POWER TRANSFER UNITS MAY BE USED AS ALLOWED BY CODE AND IF IT DOESN'T AFFECT THE MECHANICAL PROPERTIES OF THIS PANIC/EXIT DEVICE AND/OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.
 - ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.
 - THIS PANIC/EXIT DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.
 - FIRE RATING IS NOT PART OF THIS APPROVAL.

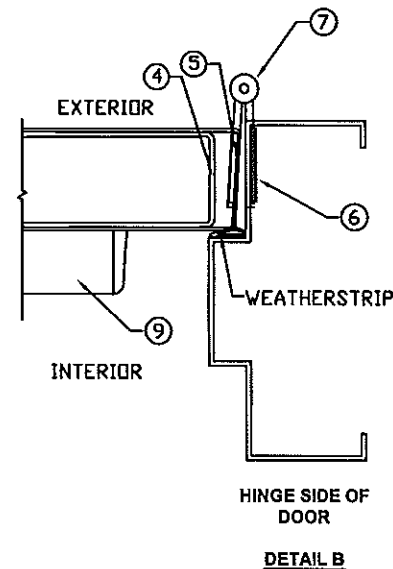
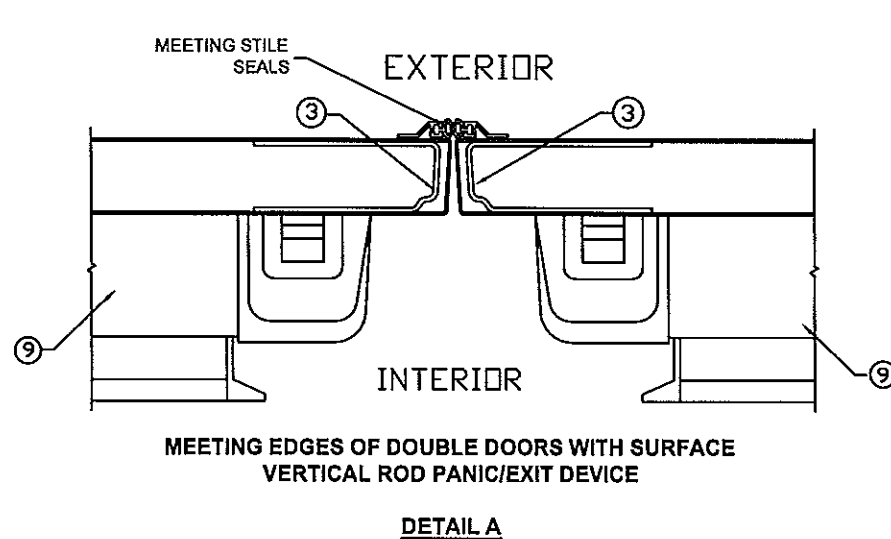
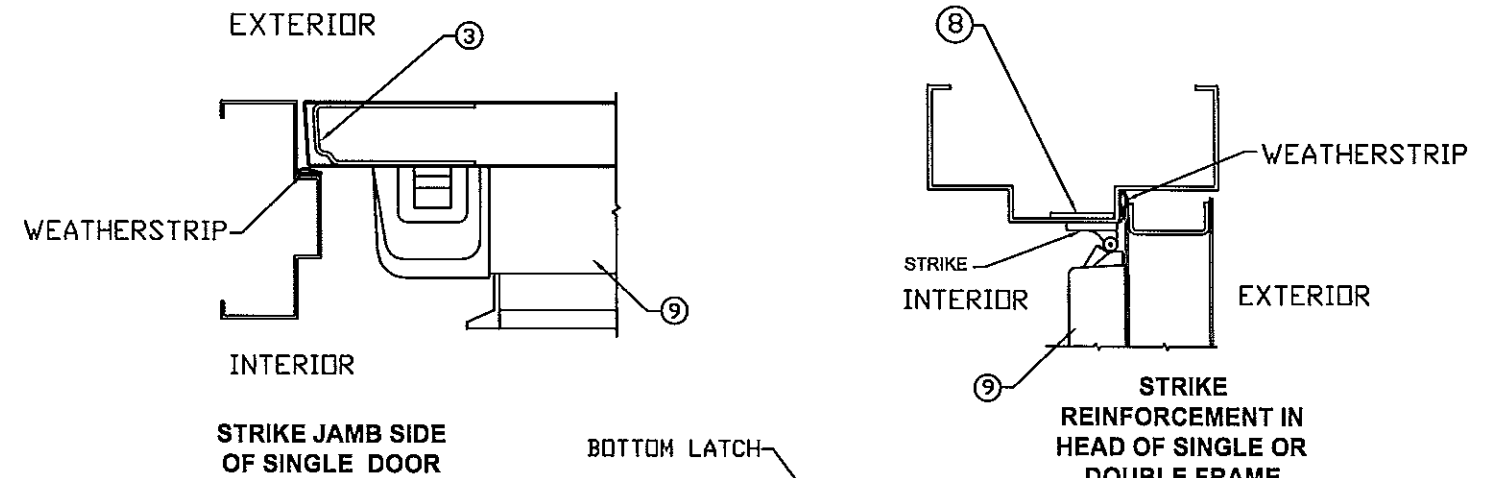
8/31/14
Gordon Thomas, P.E. Date
3759 Blossom Court
Mason, OH 45040
Florida # 46718

		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING FACILITY: FALCON 2720 TOBEY DRIVE INDIANAPOLIS, IN 46219	
		TITLE FALCON 25 SERIES PANIC/EXIT DEVICES - COMPONENT APPROVAL (LMT)			
THIRD ANGLE PROJECTION		MIAMI-DADE COUNTY COMPONENT PRODUCT APPROVAL FALCON 25-R SERIES RIM PANIC/EXIT DEVICE			
DRAWN YMF	DATE 05/22/09				
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. 3580-2	SHEET 2 OF 8
ENG. APPVL		SCALE: NTS		REV D	
		AUTOCAD			

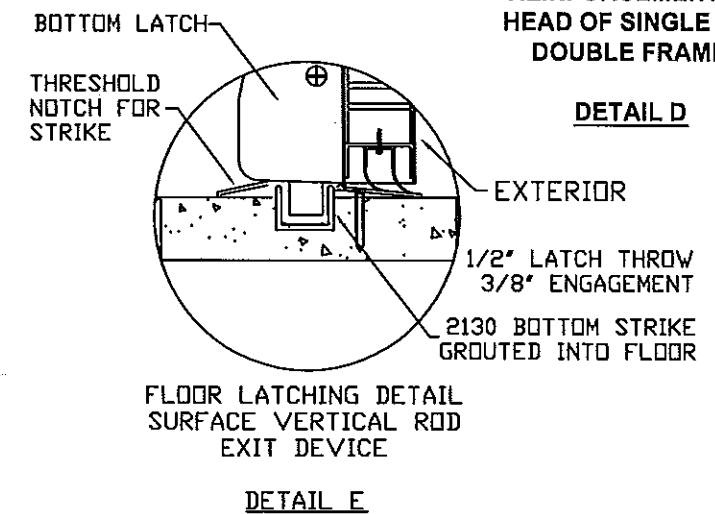


DESIGN PRESSURE RATING FALCON (F)25-V SURFACE VERTICAL ROD PANIC/EXIT DEVICE COMPONENT APPROVAL		IMPACT RATING
POSITIVE	+70 PSF	
NEGATIVE	-70 PSF	

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	NEW	05/22/09	
B	REVISED	03/23/11	
C	REVISED	02/28/12	
D	REVISED NAME	11/01/13	



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1217-21
Expiration Date 6/21/17
By: [Signature]
Miami Dade Product Control



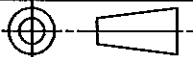
ITEM	DESCRIPTION	MATERIAL	SIZE
1	NOT IN USE		
2	DOOR SLAB	.053" MIN. STL	48" X 96" MAX.
3	LOCK SIDE REINFORCEMENT CHANNEL	.099" MIN. STL	3.5 X 93.44 MAX
4	HINGE SIDE PANIC REINFORCEMENT	.067" MIN. STL	MAX. 20"
5	HINGE REINFORCEMENT DOOR ASTM A621	.171" MIN. STL	1.23" X 9.187" MIN.
6	HINGE REINFORCEMENT FRAME ASTM A621	.171" MIN. STL	1.5" X 9.187" MIN.
7	4.5" X 4.5" BUTT HINGES	.134 MIN.	(8) #12-24 MS PER HINGE
8	SURFACE VERTICAL ROD STRIKE REINFORCEMENT	.067" MIN. STL	1.5" X 12" MIN.
9	FALCON (F)25-V SURFACE VERTICAL ROD PANIC/EXIT DEVICE		

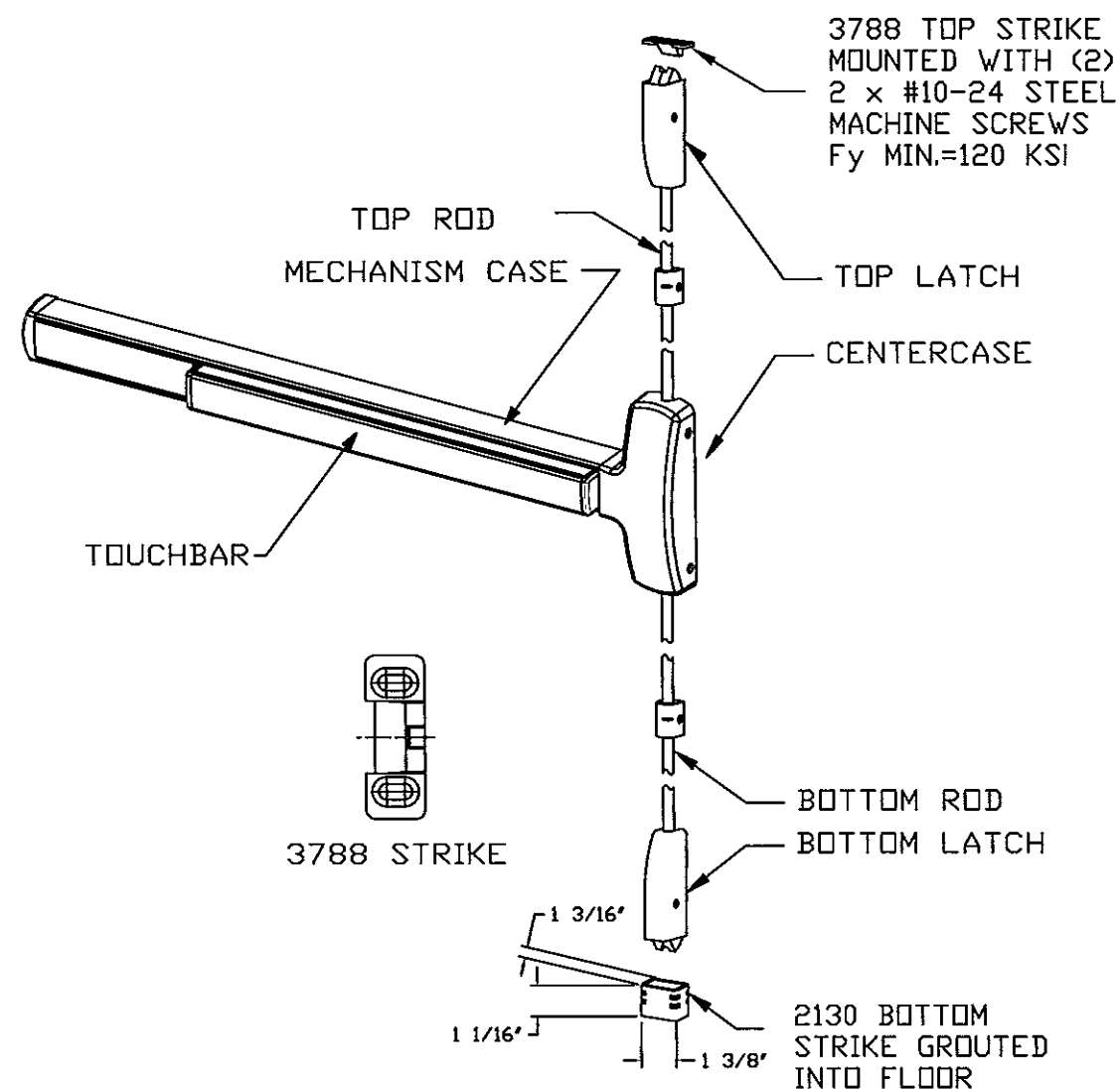
NOTES:

- ALL FINISHES, 3' AND 4' DOOR WIDTH MODELS OFFERED.
- AVAILABLE FUNCTIONAL OPTIONS: F, EL, FSA/FSE, EA, HWEA, DM, LM, AND AE.
- ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
- THIS COMPONENT DEVICE IS APPROVED AS AN EQUAL ALTERNATE FOR SINGLE OR DOUBLE 16 GA. STEEL OUTSWING COMMERCIAL DOORS HOLDING CURRENT A NOA OR HVHZ COMPLIANT FBC APPROVAL. DOUBLE DOORS ARE REQUIRED TO USE A VON DUPRIN 9954 HARDWARE MULLION. THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE EQUAL TO THAT OF THE LOWEST RATED COMPONENT, EITHER THE PANIC DEVICE OR THE DOOR.
- THE DEVICE SHOULD BE INSTALLED IN COMMERCIAL STEEL DOOR NO WIDER THAN 48" AND NO HIGHER THAN 96".
- OPTIONAL SIGNAL SWITCH AND POWER TRANSFER UNITS MAY BE USED AS ALLOWED BY CODE AND IF IT DOESN'T AFFECT THE MECHANICAL PROPERTIES OF THIS PANIC/EXIT DEVICE AND/OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.
- ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.
- THIS PANIC/EXIT DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.
- FIRE RATING IS NOT PART OF THIS APPROVAL.

TYPICAL INSTALLATION
SEE COMPONENT DETAIL - SHEET 4

[Signature]
Gordon Thomas, P.E.
3759 Blossom Court
Mason, OH 45040
Florida # 46718

BEND RADIUS				MANUFACTURING FACILITY: FALCON 2720 TOBEY DRIVE INDIANAPOLIS, IN 46219		
THIRD ANGLE PROJECTION						
DRAWN YMF	DATE 05/22/09	TITLE FALCON 25 SERIES PANIC/EXIT DEVICES - COMPONENT APPROVAL (LMI) MIAMI-DADE COUNTY COMPONENT PRODUCT APPROVAL FALCON 25-V SERIES SURFACE VERTICAL ROD PANIC/EXIT DEVICE				
CHECKED						
APPROVED		SIZE	FLAT	DWG NO. 3580-2	SHEET 3 OF 8	REV D
ENG. APPVL		SCALE: NTS		AUTOCAD		



FALCON (F)25-V SURFACE
VERTICAL ROD PANIC/EXIT DEVICE
COMPONENT APPROVAL

NOTES:

1. ALL FINISHES, 3' AND 4' DOOR WIDTH MODELS OFFERED.
2. AVAILABLE FUNCTIONAL OPTIONS: F, EL, FSA/FSE, EA, HWEA, DM, LM, AND AE.
3. ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
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5. THE DEVICE SHOULD BE INSTALLED IN COMMERCIAL STEEL DOOR NO WIDER THAN 48" AND NO HIGHER THAN 96".
6. OPTIONAL SIGNAL SWITCH AND POWER TRANSFER UNITS MAY BE USED AS ALLOWED BY CODE AND IF IT DOESN'T AFFECT THE MECHANICAL PROPERTIES OF THIS PANIC/EXIT DEVICE AND/OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.
7. ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.
8. THIS PANIC/EXIT DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.
9. FIRE RATING IS NOT PART OF THIS APPROVAL.

Signature
Gordon Thomas, P.E.
3759 Blossom Court
Mason, OH 45040
Florida # 46718
Date 8/31/14

DESIGN PRESSURE RATING FALCON (F)25-V SURFACE VERTICAL ROD PANIC/EXIT DEVICE COMPONENT APPROVAL		IMPACT RATING LARGE AND SMALL MISSILE
POSITIVE	+70 PSF	
NEGATIVE	-70 PSF	

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	NEW	05/22/09	
B	REVISED	03/23/11	
C	REVISED	02/28/12	
D	REVISED NAME	11/01/13	

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1217.21
Expiration Date 6/30/17
By *Signature*
Miami Dade Product Control

DIMENSIONS

TOUCHBAR PROJECTION:
NEUTRAL 2.784"
DEPRESSED 1.914"

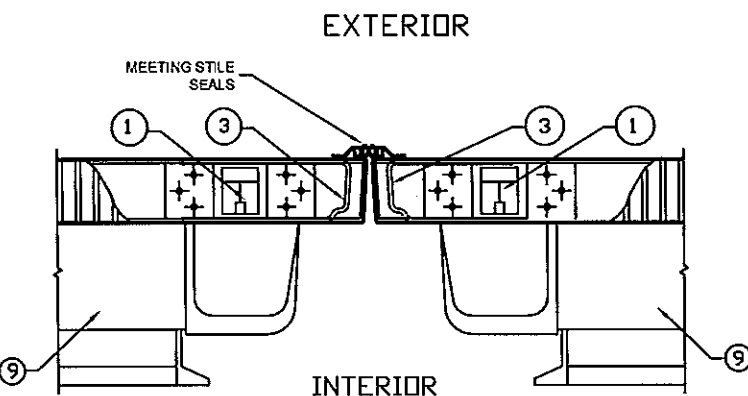
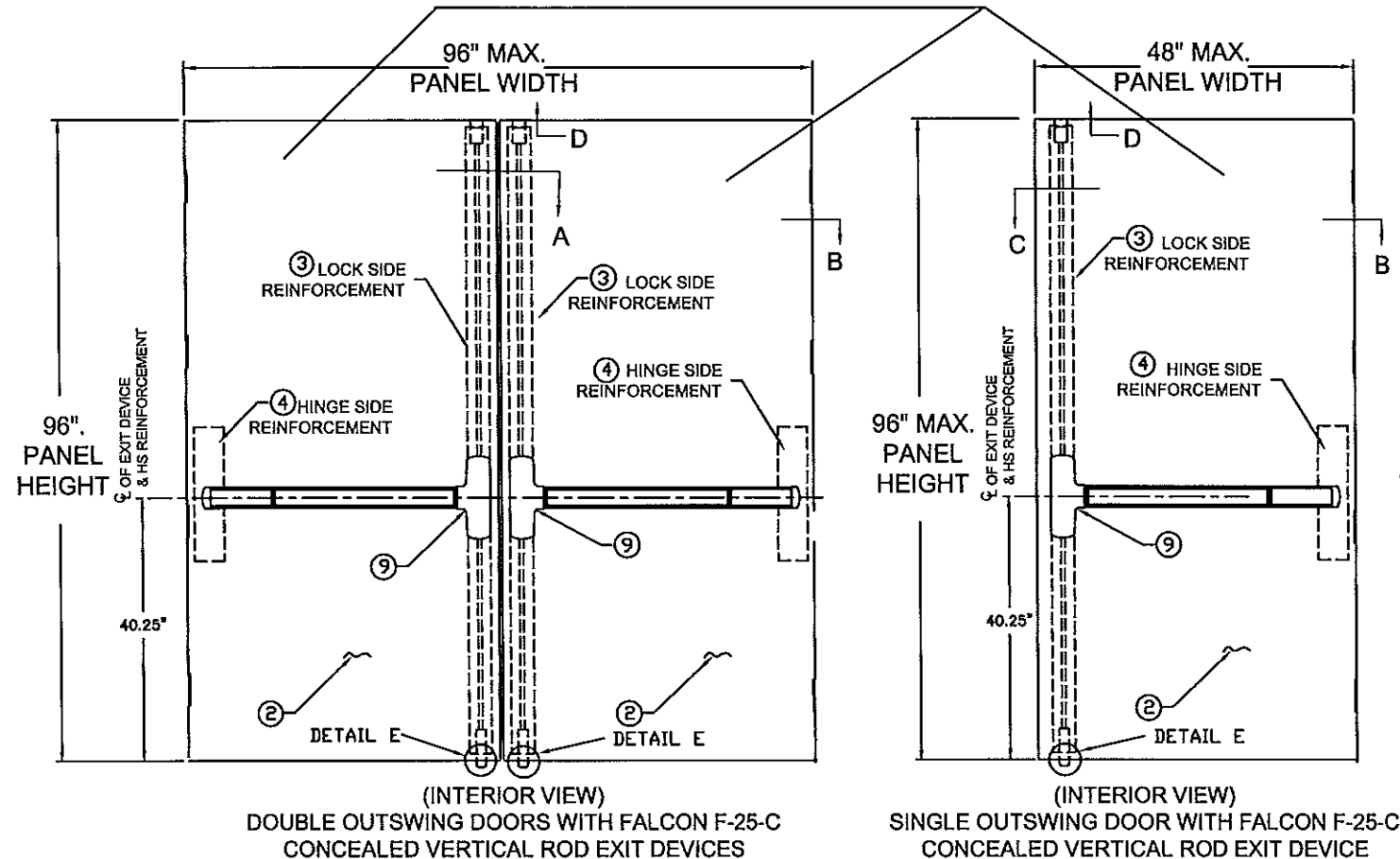
CENTER CASE: 8.928" X 2.642" X 1.914"
TOP & BOTTOM LATCH CASE: 4.75" X 1.718" X 1.187"

DEVICE LENGTH:
FOR UP TO 3' WIDE DOORS 33.596"
FOR DOORS WIDER THAN 3' UP TO 4' 45.596"

FALCON OUTSIDE TRIM OPTIONS	
	510/511
	510L
	510L BE
	510L NL
	510L DT
	510L FSA
	510L FSE
	510L FSA LK
	510L FSE LK
	510L LK
	511L
	511L FSA
	512
	512T
	512T BE
	512T NL
	512T DT
	512T FSA
	512T FSE
	512T FSA LK
	512T FSE LK
	512T LK
	513
	513K
	513K BE
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	513K FSA
	513K FSE
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	513K FSE LK
	513K LK

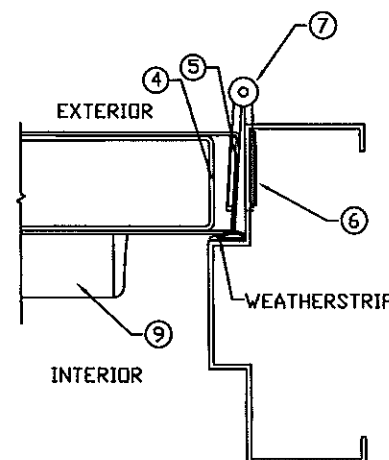
BEND RADIUS 		THIRD ANGLE PROJECTION	
DRAWN YMF	DATE 05/22/09	SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250	
CHECKED		MANUFACTURING FACILITY: FALCON 2720 TOBEY DRIVE INDIANAPOLIS, IN 46219	
APPROVED		TITLE FALCON 25 SERIES PANIC/EXIT DEVICES - COMPONENT APPROVAL (LMI)	
ENG. APPVL		MIAMI-DADE COUNTY COMPONENT PRODUCT APPROVAL FALCON 25-V SERIES SURFACE VERTICAL ROD PANIC/EXIT DEVICE	
SCALE: NTS		SIZE FLAT	REV D
AUTOCAD		DWG NO. 3580-2	SHEET 4 OF 8

DOORS ARE UNDER SEPARATE APPROVAL



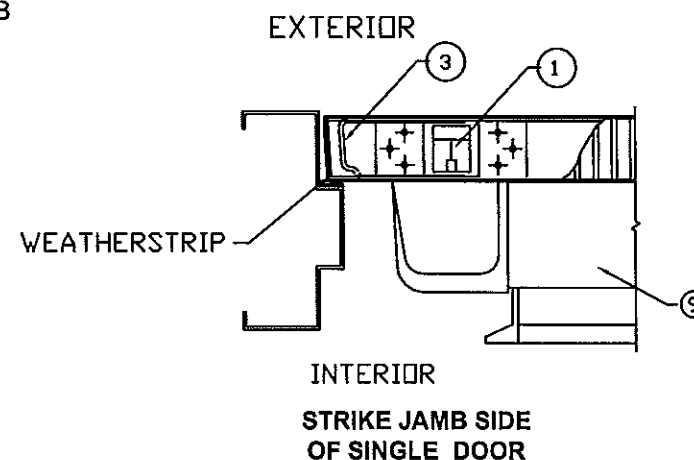
MEETING EDGES OF DOUBLE DOORS WITH
CONCEALED VERTICAL ROD EXIT DEVICE

DETAIL A

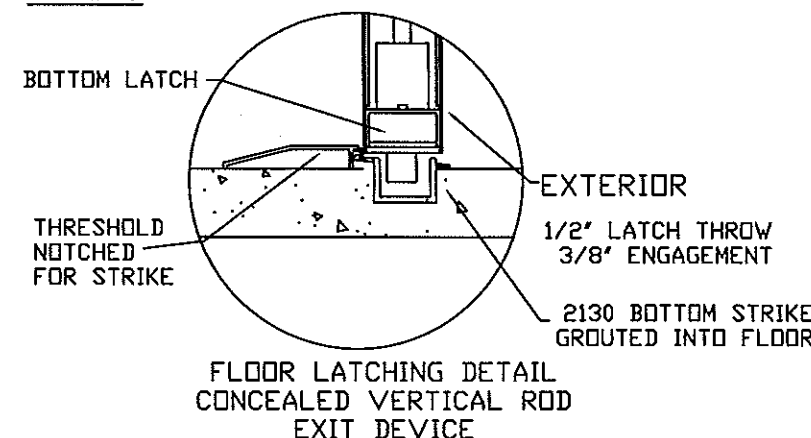


HINGE SIDE OF
DOOR

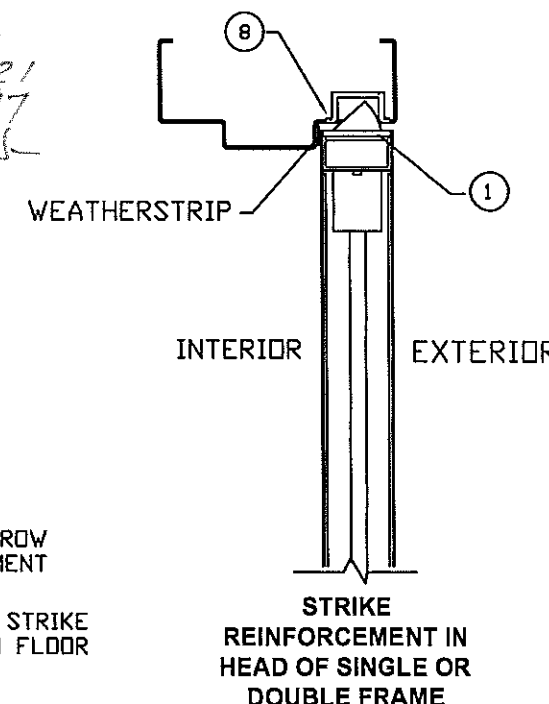
DETAIL B



DETAIL C



DETAIL E



DETAIL D

DESIGN PRESSURE RATING FALCON F-25-C CONCEALED VERTICAL ROD EXIT DEVICE COMPONENT APPROVAL		IMPACT RATING LARGE AND SMALL MISSILE
POSITIVE	+70 PSF	
NEGATIVE	-70 PSF	

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	NEW	05/22/09	
B	REVISED	03/23/11	
C	REVISED	02/28/12	
D	REVISED NAME	11/01/13	

PRODUCT REVISED
As complying with the Florida
Building Code
Acceptance No. 13-1217-21
Expiration Date 6/21/17
By: [Signature]
Miami Dade Product Control

- NOTES:
1. ALL FINISHES, 3' AND 4' DOOR WIDTH MODELS OFFERED.
 2. AVAILABLE FUNCTIONAL OPTIONS: F, EL, FSA/FSE, EA, HWEA, DM, LM, AND AE.
 3. ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
 4. THIS COMPONENT DEVICE IS APPROVED AS AN EQUAL ALTERNATE FOR SINGLE OR DOUBLE 16 GA. STEEL OUTSWING COMMERCIAL DOORS HOLDING CURRENT A NOA OR HVHZ COMPLIANT FBC APPROVAL. DOUBLE DOORS ARE REQUIRED TO USE A VON DUPRIN 9954 HARDWARE MULLION. THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE EQUAL TO THAT OF THE LOWEST RATED COMPONENT, EITHER THE PANIC DEVICE OR THE DOOR.
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 6. OPTIONAL SIGNAL SWITCH AND POWER TRANSFER UNITS MAY BE USED AS ALLOWED BY CODE AND IF IT DOESN'T AFFECT THE MECHANICAL PROPERTIES OF THIS PANIC/EXIT DEVICE AND/OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.
 7. ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.
 8. THIS PANIC/EXIT DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.
 9. FIRE RATING IS NOT PART OF THIS APPROVAL.

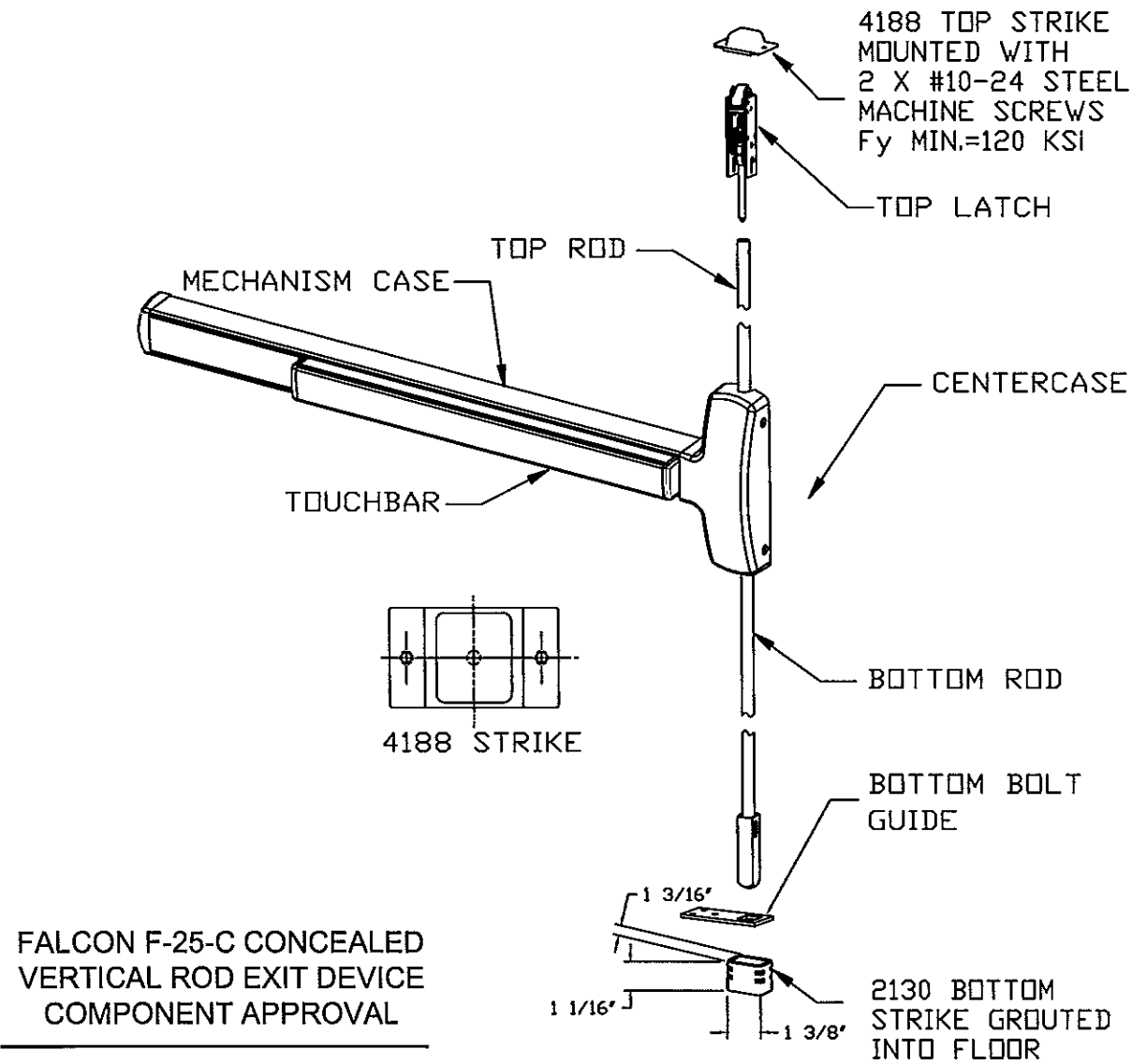
TYPICAL INSTALLATION
SEE COMPONENT DETAIL - SHEET 6

[Signature]
Gordon Thomas, P.E.
3759 Blossom Court
Mason, OH 45040
Florida # 46718
Date 01/31/14

BEND RADIUS 		THIRD ANGLE PROJECTION	
DRAWN YMF	DATE 05/22/09	CHECKED	
APPROVED		ENG. APPVL	
SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING FACILITY: FALCON 2720 TOBEY DRIVE INDIANAPOLIS, IN 46219	
TITLE FALCON 25 SERIES PANIC/EXIT DEVICES - COMPONENT APPROVAL (LMI) MIAMI-DADE COUNTY COMPONENT PRODUCT APPROVAL FALCON F-25-C SERIES CONCEALED VERTICAL ROD EXIT DEVICE		SIZE FLAT	DWG NO. 3580-2 SHEET 5 OF 8
SCALE NTS		AUTOCAD	
		REV D	

DESIGN PRESSURE RATING FALCON F-25-C CONCEALED VERTICAL ROD EXIT DEVICE COMPONENT APPROVAL		IMPACT RATING
POSITIVE	+70 PSF	LARGE AND SMALL MISSILE
NEGATIVE	-70 PSF	

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	NEW	05/22/09	
B	REVISED	03/23/11	
C	REVISED	02/28/12	
D	REVISED NAME	11/01/13	



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1217-21
Expiration Date 6/21/17
By: [Signature]
Miami Trade Product Control

DIMENSIONS

TOUCHBAR PROJECTION:
NEUTRAL 2.784"
DEPRESSED 1.914"

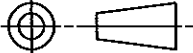
CENTER CASE: 8.928" X 2.642" X 1.914"

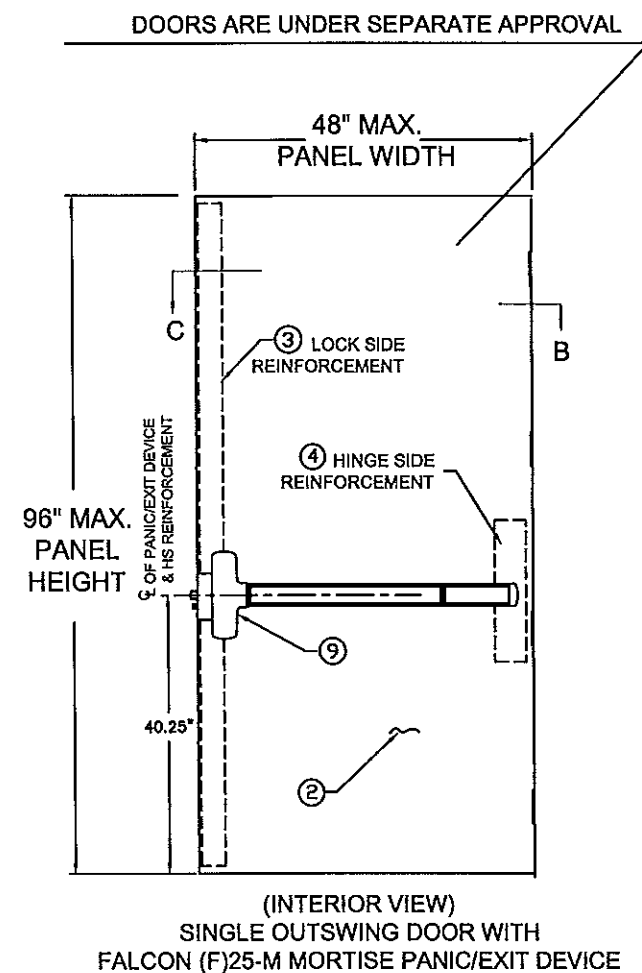
DEVICE LENGTH:
FOR UP TO 3' WIDE DOORS 33.596"
FOR DOORS WIDER THAN 3' UP TO 4' 45.596"

FALCON OUTSIDE TRIM OPTIONS	
	510L
	510L BE
	510L NL
	510L DT
	510L FSA
	510L FSE
	510L FSA LK
	510L FSE LK
	510L LK
	511L
	511L FSA
	511L FSE
	511L FSA LK
	511L FSE LK
	511L LK
	512T
	512T BE
	512T NL
	512T DT
	512T FSA
	512T FSE
	512T FSA LK
	512T FSE LK
	512T LK
	513K
	513K BE
	513K NL
	513K DT
	513K FSA
	513K FSE
	513K FSA LK
	513K FSE LK
	513K LK

- NOTES:
1. ALL FINISHES, 3' AND 4' DOOR WIDTH MODELS OFFERED.
 2. AVAILABLE FUNCTIONAL OPTIONS: F, EL, FSA/FSE, EA, HWEA, DM, LM, AND AE.
 3. ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
 4. THIS COMPONENT DEVICE IS APPROVED AS AN EQUAL ALTERNATE FOR SINGLE OR DOUBLE 16 GA. STEEL OUTSWING COMMERCIAL DOORS HOLDING CURRENT A NOA OR HVHZ COMPLIANT FBC APPROVAL. DOUBLE DOORS ARE REQUIRED TO USE A VON DUPRIN 9954 HARDWARE MULLION. THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE EQUAL TO THAT OF THE LOWEST RATED COMPONENT, EITHER THE PANIC DEVICE OR THE DOOR.
 5. THE DEVICE SHOULD BE INSTALLED IN COMMERCIAL STEEL DOOR NO WIDER THAN 48" AND NO HIGHER THAN 96".
 6. OPTIONAL SIGNAL SWITCH AND POWER TRANSFER UNITS MAY BE USED AS ALLOWED BY CODE AND IF IT DOESN'T AFFECT THE MECHANICAL PROPERTIES OF THIS PANIC/EXIT DEVICE AND/OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.
 7. ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.
 8. THIS PANIC/EXIT DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.
 9. FIRE RATING IS NOT PART OF THIS APPROVAL.

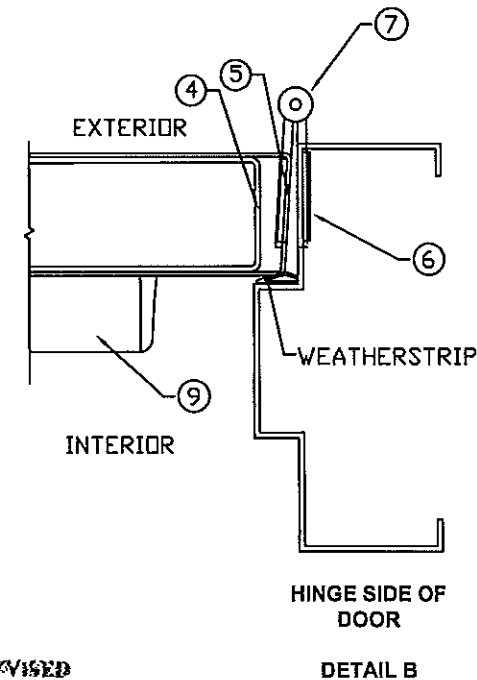
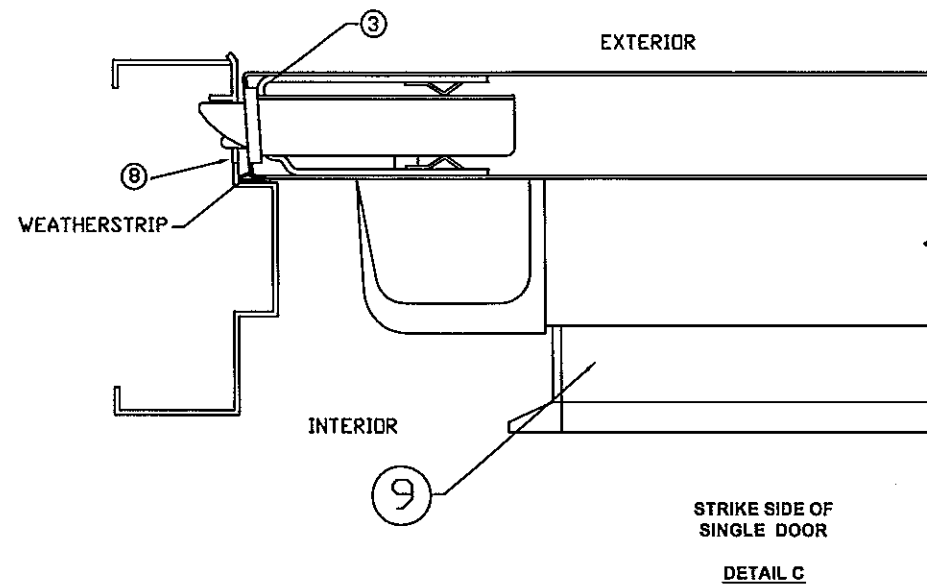
[Signature]
Gordon Thomas, P.E.
3759 Blossom Court
Mason, OH 45040
Florida # 46718
Date 8/31/14

BEND RADIUS		<div>SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250</div> <div>MANUFACTURING FACILITY: FALCON 2720 TOBEY DRIVE INDIANAPOLIS, IN 46219</div>				
<div></div> <div>THIRD ANGLE PROJECTION</div>						
<div>DRAWN</div> <div>YMF</div>		<div>DATE</div> <div>05/22/09</div>		<div>TITLE</div> <div>FALCON 25 SERIES PANIC/EXIT DEVICES - COMPONENT APPROVAL (LMD)</div> <div>MIAMI-DADE COUNTY COMPONENT PRODUCT APPROVAL FALCON F-25-C SERIES CONCEALED VERTICAL ROD EXIT DEVICE</div>		
<div>CHECKED</div>						
<div>APPROVED</div>						
<div>ENG. APPVL</div>		<div>SIZE</div>	<div>FLAT</div>	<div>DWG NO.</div> <div>3580-2</div>	<div>SHEET</div> <div>6 OF 8</div>	<div>REV</div> <div>D</div>
		<div>SCALE:</div> <div>NTS</div> <div>AUTOCAD</div>				



DESIGN PRESSURE RATING FALCON (F)25-M MORTISE PANIC/EXIT DEVICE COMPONENT APPROVAL (SINGLE DOOR ONLY)		IMPACT RATING
POSITIVE	+70 PSF	
NEGATIVE	-70 PSF	

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	NEW	05/22/09	
B	REVISED	03/23/11	
C	REVISED	02/28/12	
D	REVISED NAME	11/01/13	



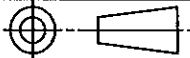
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1217-21
Expiration Date 6/21/17
By Shang L. Chen
Miami Dade/Product Control

- NOTES:
1. ALL FINISHES, 3' AND 4' DOOR WIDTH MODELS OFFERED.
 2. AVAILABLE FUNCTIONAL OPTIONS: F, EL, FSA/FSE, EA, HWEA, DM, LM, AND AE.
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 7. ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.
 8. THIS PANIC/EXIT DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.
 9. FIRE RATING IS NOT PART OF THIS APPROVAL.

TYPICAL INSTALLATION
SEE COMPONENT DETAIL - SHEET 8

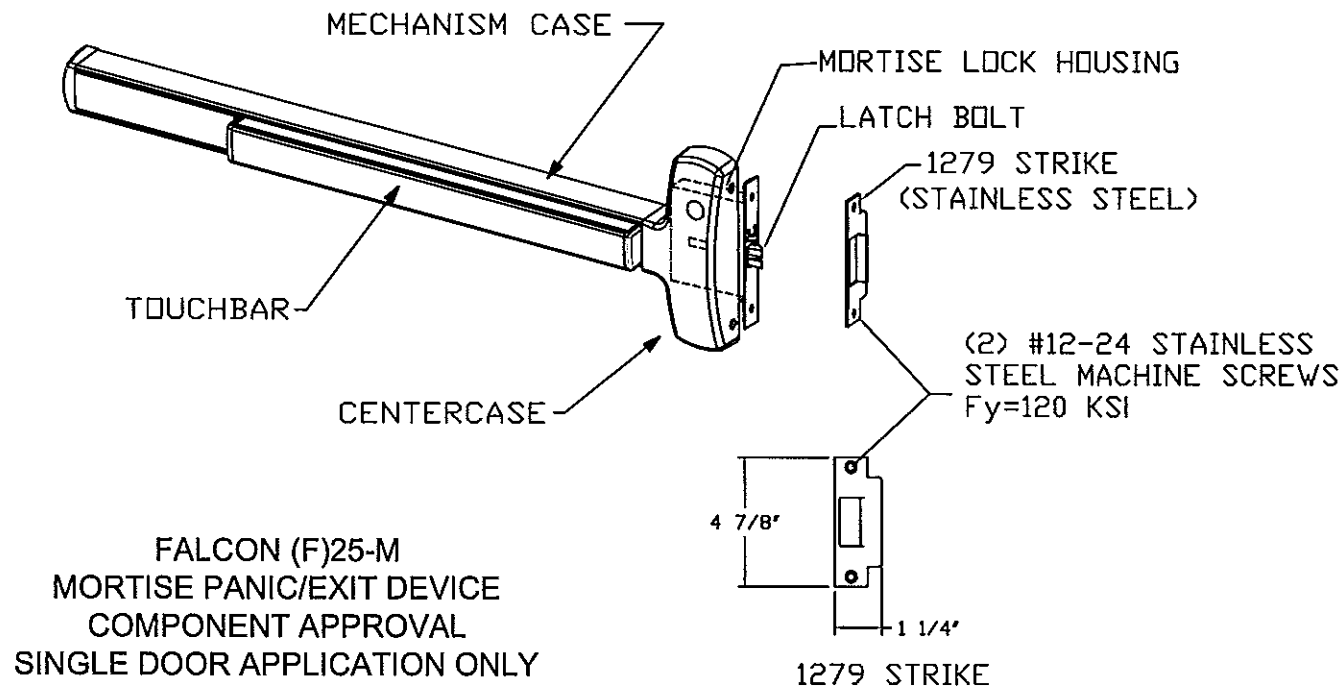
Signature
Gordon Thomas, P.E.
3759 Blossom Court
Mason, OH 45040
Florida # 46718
Date 8/8/14

ITEM	DESCRIPTION	MATERIAL	SIZE
1	NOT IN USE		
2	DOOR SLAB	.053" MIN. STL	48" X 96" MAX.
3	LOCK SIDE REINFORCEMENT CHANNEL	.099" MIN. STL	3.5 X 93.44 MAX
4	HINGE SIDE PANIC REINFORCEMENT	.067" MIN. STL	MAX. 20"
5	HINGE REINFORCEMENT DOOR ASTM A621	.171" MIN. STL	1.23" X 9.187" MIN.
6	HINGE REINFORCEMENT FRAME ASTM A621	.171" MIN. STL	1.25" X 9.187" MIN.
7	4.5" X 4.5" BUTT HINGES	.134 MIN.	(8) #12-24 MS PER HINGE
8	ASA STRIKE REINFORCEMENT	.053" MIN. STL	1.25" X 8.00" MIN.
9	FALCON (F)25-M MORTISE PANIC/EXIT DEVICE		

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250				MANUFACTURING FACILITY: FALCON 2720 TOBEY DRIVE INDIANAPOLIS, IN 46219	
							
THIRD ANGLE PROJECTION		TITLE FALCON 25 SERIES PANIC/EXIT DEVICES - COMPONENT APPROVAL (LMI)					
DRAWN YMF	DATE 05/22/09	MIAMI-DADE COUNTY COMPONENT PRODUCT APPROVAL FALCON 25-M SERIES MORTISE PANIC/EXIT DEVICE					
CHECKED							
APPROVED		SIZE	FLAT	DWG NO. 3580-2	SHEET	7 OF 8	REV D
ENG. APPVL		SCALE:	NTS	AUTOCAD			

DESIGN PRESSURE RATING FALCON (F)25-M MORTISE PANIC/EXIT DEVICE COMPONENT APPROVAL (SINGLE DOOR ONLY)		IMPACT RATING
POSITIVE	+70 PSF	
NEGATIVE	-70 PSF	

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	NEW	05/22/09	
B	REVISED	03/23/11	
C	REVISED	02/28/12	
D	REVISED NAME	11/01/13	



FALCON (F)25-M
MORTISE PANIC/EXIT DEVICE
COMPONENT APPROVAL
SINGLE DOOR APPLICATION ONLY

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1217-21
Expiration Date JUNE 21, 2017
By: [Signature]
[Signature] Date Product Control

DIMENSIONS

TOUCHBAR PROJECTION:
NEUTRAL 2.784"
DEPRESSED 1.914"

CENTER CASE: 8.928" X 2.642" X 1.914"

DEVICE LENGTH:
FOR UP TO 3' WIDE DOORS 33.596"
FOR DOORS WIDER THAN 3' UP TO 4' 45.596"

FALCON OUTSIDE TRIM OPTIONS	
	510L
	510L BE
	510L NL
	510L DT
	510L FSA
	510L FSE
	510L FSA LK
	510L FSE LK
	510L LK
	511L
	511L FSA
	511L FSE
	511L FSA LK
	511L FSE LK
	511L LK
	512T
	512T BE
	512T NL
	512T DT
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	512T FSE
	512T FSA LK
	512T FSE LK
	512T LK
	513K
	513K BE
	513K NL
	513K DT
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	513K FSE
	513K FSA LK
	513K FSE LK
	513K LK

- NOTES:
1. ALL FINISHES, 3' AND 4' DOOR WIDTH MODELS OFFERED.
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 9. FIRE RATING IS NOT PART OF THIS APPROVAL.

[Signature] 8/3/14
Gordon Thomas, P.E.
3759 Blossom Court
Mason, OH 45040
Florida # 46718

BEND RADIUS		THIRD ANGLE PROJECTION	
DRAWN YMF		DATE 05/22/09	
CHECKED		APPROVED	
ENG. APPVL		DATE	
TITLE		FALCON 25 SERIES PANIC/EXIT DEVICES - COMPONENT APPROVAL (LMD)	
MIAMI-DADE COUNTY		COMPONENT PRODUCT APPROVAL	
FALCON 25-M SERIES		MORTISE PANIC/EXIT DEVICE	
SIZE		FLAT	
SCALE		NTS	
AUTOCAD		DVG NO. 3580-2	
SHEET 8		OF 8	
REV D		MANUFACTURING FACILITY: FALCON 2720 TOBEY DRIVE INDIANAPOLIS, IN 46219	